

Progress Report: 43	Reporting Period: July 1 – 28, 2006		Date: August 14, 2006
Site:	Diamond Alkali, Operable Unit 3, Passaic River Study Expansion, New Jersey		IAG: DW96941975 IAG Expiration Date: 12/31/07
Phase: RI/FS, OU3	DACW41-02-D-0003, T.O. 0011 W912DQ-06-D-0006, T.O. 0002	Malcolm Pirnie Project Numbers: 4553-001, 4553-025, 4553-027, and 4553-031	
USEPA RPMs: Alice Yeh & Tom Taccone	PH: 212-637-4427 PH: 212-637-4281	USACE PM: Elizabeth Buckrucker	PH: 816-389-3581
MPI PM: Len Warner	PH: 914-641-2972	MPI Deputy PM: Scott Thompson	PH: 914-641-2628

**CRITICAL ISSUE SUMMARY:**

- Malcolm Pirnie met with USACE regarding management costs incurred during March 2006 on DACW41 contract and associated fee. The fee on these costs was designated non-billable and reflected in WVN No. 12 on contract DACW41 T.O. 0011.
- WVN No. 01 was prepared for contract W912DQ T.O. 0002 to address additional funding needs for EAE. Further funding needs were identified at the close of this reporting period as the task is being transitioned to a Focused Feasibility Study (FFS). The current BSF shows that the expended effort has exceeded task authorizations on some WAD 01 tasks, since the original authorization only was intended to fund work through the end of July 2006 and some funds were previously redistributed to the EAE.
- The DQO Refinement and Data Usability Evaluation tasks are on hold. A new task may be developed and funded under contract W912DQ T.O. No. 0002 to address the Weight of Evidence Assessment. Battelle and MPI are awaiting authorization regarding a tech support item for review of PRP water column detection limits.
- Regarding the shortfall in the analytical budget for the samples collected in 2005-2006:
  - The cost of the sediment sample analyses from high resolution core 9A (\$39,500) is addressed via WVN No. 12 on Contract DACW41 T.O. No. 0011.
  - Sediment samples from high resolution cores 26A and 32A were shipped on July 18<sup>th</sup> for pesticide fraction analysis. Extracts for dioxin and PCB congener analyses were heat-sealed inside laboratory vials are stored frozen and can be held for up to one year. Pesticide analytical costs were addressed on contract W912DQ T.O. 0002 WVN No. 01.
  - Additional laboratory costs associated with the high resolution coring program will be addressed under W912DQ ATP 2.

<b>Task</b>	<b>Activities in Current Reporting Period</b>	<b>Next Milestone</b>	<b>Issues</b>
Community Relations	CI activities currently on hold.	To be determined based on direction from USEPA regarding future fact sheets and CI deliverables and funding availability.	Final CIP and CI Support budgets on Passaic River and Newark Bay expended.

Task	Activities in Current Reporting Period	Next Milestone	Issues
Early Action Evaluation (EAE)	<ul style="list-style-type: none"> <li>▪ Met with Ray Basso and George Pavlou of USEPA at Malcolm Pirnie's White Plains office on July 11<sup>th</sup> to review EAE.</li> <li>▪ Provided dry run of In-Progress Meeting at USEPA on July 13<sup>th</sup>.</li> <li>▪ Presented EAE summary at In-Progress Meeting with USEPA Regional Administrator Steinberg on July 20<sup>th</sup>.</li> <li>▪ Initiated review of Hydroqual flood modeling results.</li> <li>▪ Engaged HQI to perform additional flood modeling runs and develop documentary modeling appendix.</li> <li>▪ Evaluated and subsequently initiated transition of EAE report to Focused Feasibility Study.</li> <li>▪ Engaged Battelle for FFS risk assessment preparation.</li> <li>▪ Engaged Joe Mantey to prepare white paper re: economic analysis of navigation in the Lower Passaic River.</li> <li>▪ Revised cost estimates to include results of dredged material management categorization based on contaminant concentrations.</li> <li>▪ HQI modeled armored cap scenario: 2 ft capping for RM 0-7 with 2 ft nominal 6" stone armoring between RM 2.5 and 5.5 under 500-year flood conditions.</li> <li>▪ HQI conducted sensitivity runs of bottom roughness and capping thickness for flood modeling.</li> <li>▪ HQI reviewed USGS Digital Elevation Model data in LPR.</li> <li>▪ HQI prepared flood modeling report.</li> </ul>	<ul style="list-style-type: none"> <li>▪ HQI flood modeling documentation submitted August 7<sup>th</sup>.</li> <li>▪ Teleconference with Marion Olsen to discuss FFS Risk Assessment scope on August 8<sup>th</sup>.</li> <li>▪ Teleconference on August 17<sup>th</sup> for RA.</li> <li>▪ Comments to be finalized on flood modeling on August 21<sup>st</sup>.</li> <li>▪ Teleconference with HQI regarding flood modeling prior to August 23<sup>rd</sup>.</li> <li>▪ Meeting on August 28<sup>th</sup> for RA.</li> <li>▪ Complete FFS analyses by September 8<sup>th</sup>.</li> <li>▪ Submit pre-draft FFS report end of September 2006.</li> <li>▪ Submit draft FFS report November 2006.</li> <li>▪ Complete Proposed Plan February 2007.</li> <li>▪ Complete ROD May 2007.</li> </ul>	<ul style="list-style-type: none"> <li>▪ E-mail correspondence submitted by L. Warner to USACE and dated July 31<sup>st</sup> identified the need for additional EAE funding in the amount of approximately \$565-665K. MPI is to submit a draft WVN No. 2 to USACE under contract W912DQ and also address via ATP 2, due August 18<sup>th</sup>.</li> <li>▪ PCB arochlor analyses performed by CLP lab for low resolution cores have generated questionable data. USEPA CLP has offered to reanalyze, but the extracts have exceeded holding time and reanalysis is not recommended.</li> </ul>

<b>Task</b>	<b>Activities in Current Reporting Period</b>	<b>Next Milestone</b>	<b>Issues</b>
FSP Volume 2	Attended Restoration Workgroup and Sampling Workgroup meetings on July 26 <sup>th</sup> .	Assist USEPA to respond to stakeholder comments as requested.	<ul style="list-style-type: none"> <li>No funding currently authorized for evaluation of comments on Draft FSP 2 and/or preparation of responses.</li> <li>No WRDA funding for final FSP Vol. 2 prep until FY07.</li> </ul>
Sediment Transport Model	<ul style="list-style-type: none"> <li>HQI and Sea Engineering executed a subcontract agreement.</li> <li>Craig Jones (Sea Engineering) initiated SEDZLJ implementation in ECOM model.</li> </ul>	SEDZLJ implementation to continue if funding permits additional work.	HQI remaining budget and expected deliverables (according to % complete) to be evaluated to determine how far work can progress following recent WVNs on contract W912DQ T.O. 0002.
Hydrodynamic Model	<ul style="list-style-type: none"> <li>Modification of model grid; tested model with 2005 flow conditions; adjusted grid resolution for stable model performance.</li> <li>Processed MPI and Rutgers field survey data (ADCP and CTD casts) collected between 2004 and 2005</li> <li>Tested wind-wave model components.</li> </ul>	<ul style="list-style-type: none"> <li>Respond to comments and revise hydrodynamic model calibration report.</li> <li>Continue hydrodynamic modeling if funding permits additional work.</li> </ul>	HQI remaining budget and expected deliverables (according to % complete) to be evaluated to determine how far work can progress following recent WVNs on contract W912DQ T.O. 0002.
Final Modeling Plan	Comments regarding the NBSA Modeling Work Plan Addendum were incorporated into a revised document. A revised document was submitted for USACE and USEPA review on July 14 <sup>th</sup> .	Final Modeling Plan Addendum to be resubmitted by HQI on August 10, 2006.	No further MPI review or backcheck of the Final Modeling Plan will be conducted, as directed by USACE.
Field Investigations/ Draft Round 1 Report	<ul style="list-style-type: none"> <li>Refer to attached table for status of collected environmental samples, analytical results, and data validation.</li> <li>Shipped samples from Hi Res Cores 26A and 32A on July 18<sup>th</sup>. Extracts for dioxin and PCB congener analyses stored frozen at Axys Analytical.</li> </ul>	<ul style="list-style-type: none"> <li>Draft Round 1 Reporting task may be developed and funded under contract W912DQ.</li> </ul>	<ul style="list-style-type: none"> <li>WVN No. 12 completed to fund Core 9A segment analyses under DACW41</li> <li>MPI and USACE to fund pesticide analyses for segments from cores 26A and 32A via ATP 2 on contract W912DQ.</li> <li>Additional \$100K needed to fund sediment sample analyses; propose to address via ATP 2 under W912DQ.</li> <li>Remaining data validation funding needs to be prioritized.</li> </ul>

<b>Task</b>	<b>Activities in Current Reporting Period</b>	<b>Next Milestone</b>	<b>Issues</b>
CSM/Problem Formulation	Received agency comments.	Discuss agency comments on technical memos with USACE and USEPA, if necessary.	The project scope is designed to incorporate comment responses into future HHRA and ERA efforts. Discussions will be held with ACE/EPA to best determine how to address the completed set of comments.
WOE Assessment and Data Usability Evaluation	Activities not yet initiated.	Tasks on hold until further direction received from USACE/USEPA.	No issues.
DQO Refinement	Effort for FSP Volume 2 DQO Refinement completed.	Awaiting ACE/EPA direction. Completing the Lower Passaic River DQO refinement, including contributions by MPI and HQI (refer to technical support request W912DQ-002), would be useful in the scoping discussions for the water column sampling to be conducted by the PRPs.	Task on hold until direction received from USACE and USEPA. When work re-commences, the negotiated effort will need to be re-evaluated.
Meetings & Teleconferences	<ul style="list-style-type: none"> <li>July 11- IAE presentation to George Pavlou and Ray Basso</li> <li>July 12 – biweekly call</li> <li>July 13 – In-progress review of IAE</li> <li>July 20 – IAE presentation to EPA RA</li> <li>July 25 – Biweekly call</li> <li>July 26 – Restoration Workgroup Meeting</li> </ul>	<ul style="list-style-type: none"> <li>August 8 – FFS RA teleconference</li> <li>August 9 – biweekly Call</li> <li>August 17 – FFS RA teleconference</li> <li>August 22 – biweekly call</li> <li>August 28 – FFS RA meeting</li> <li>Sept. 7 – EAE presentation to NJDEP?</li> <li>September – FFS progress brief to EPA?</li> </ul>	Not applicable.
PREmis	<ul style="list-style-type: none"> <li>Started modifying non-historical database report to deliver adequate 2005-2006 sampling data to fulfill needs of MPI and stakeholder data evaluators.</li> <li>Routine maintenance.</li> </ul>	<ul style="list-style-type: none"> <li>Complete enhancements to non-historical data report to facilitate delivery of 2005-06 sampling data to agencies and stakeholders.</li> <li>Perform routine maintenance and respond to agency requests.</li> </ul>	None.

Task	Activities in Current Reporting Period	Next Milestone	Issues
www.ourPassaic.org	<ul style="list-style-type: none"> <li>▪ Delete “site search” feature, leaving only digital library search engine active.</li> <li>▪ Routine maintenance.</li> </ul>	<ul style="list-style-type: none"> <li>▪ Post HQI Modeling Work Plan.</li> <li>▪ Post Restoration Workgroup meeting materials.</li> <li>▪ Perform routine maintenance and respond to agency requests.</li> </ul>	None.

BUDGET STATUS AND FORECAST  
W912DQ TASK ORDER 0002  
LOWER PASSAIC RIVER RESTORATION PROJECT  
Reporting Period 07/01/2006 through 07/28/2006

Task Description	Negotiated Budget	Authorized Budget (as of WVN 1, dated 07/19/2006)		Costs from 4/01/06 through 04/28/06	Costs from 04/29/06 through 05/26/06	Costs from 05/27/06 through 06/30/06	Costs from 07/01/06 through 07/28/06	Costs from 07/29/06 through 08/25/06	Costs from 08/26/06 through 09/29/06	Costs from 09/30/06 through 10/27/06	Costs from 10/28/06 through 11/24/06	Costs from 11/25/06 through 12/29/06	JTD Costs through 07/28/06	JTD Percent of Authorized Budget Spent	JTD Estimated Task Percent Complete	Estimate to Complete <sup>c</sup>	Estimated Cost at Completion	3-Month Forecast					Percent of Authorized Budget Forecast to be Spent by Oct. 2006	4 - 6 Month Forecast (November through January 2007)	Authorized Funding Less Forecast Amount at November 2006	Additional Funding Required by November 2006	Comments
		Percent	Dollars															Aug-06	Sep-06	Oct-06	Total Estimated Cost from Aug. thru Oct 2006	Total Estimated + Total Spent					
WAD 01 - Project Management and Community Relations																											
WO 01 - Project Management and Administration																											
1.1 Project Management	\$215,104	31%	\$66,634	\$12,665	\$12,549	\$22,128	\$12,943						\$60,285	90%	90%	\$6,349	\$66,634	\$17,925	\$17,925	\$17,925	\$53,775	\$114,060	171%	\$53,775	-\$47,426	\$101,201	WAD 01 tasks will require additional funding via ATP 2.
1.2 Project Support Documentation and Administration	\$77,902	31%	\$24,089	\$4,768	\$3,977	\$14,690	\$3,248						\$26,683	111%	100%	\$0	\$26,683	\$6,500	\$6,500	\$6,500	\$46,183	\$19,500	192%	\$19,500	-\$22,094	\$41,594	
1.3 Subcontract Administration	\$38,111	35%	\$13,161	\$3,537	\$6,578	\$3,876	\$694						\$14,686	112%	100%	\$0	\$14,686	\$0	\$3,175	\$3,175	\$6,350	\$21,036	160%	\$9,525	-\$7,875	\$17,400	
1.4 Project Communications	\$283,603	27%	\$77,825	\$13,053	\$5,407	\$49,258	\$18,531						\$86,249	111%	100%	\$0	\$86,249	\$23,600	\$23,600	\$23,600	\$70,800	\$157,049	202%	\$70,800	-\$79,224	\$150,024	
WO 01 Subtotal	\$614,720	30%	\$181,709	\$34,023	\$28,512	\$89,952	\$35,416	\$0	\$0	\$0	\$0	\$0	\$187,903	103%	96%	\$6,349	\$194,252	\$48,025	\$51,200	\$51,200	\$150,425	\$338,328	186%	\$153,600	-\$156,619	\$310,219	
WO 02 - Community Relations																											
2.1a Public Meeting Support (graphics/attendance)	\$2,806	0%	\$0										\$0	0%		\$0	\$0	\$0	\$0	\$0	\$0	\$0	0%	\$0	\$0	\$0	On hold awaiting USACE/USEPA direction.
2.1b Fact Sheets (topic-specific)	\$26,702	0%	\$0										\$0	0%		\$0	\$0	\$0	\$0	\$0	\$0	0%	\$0	\$0	\$0	On hold awaiting USACE/USEPA direction.	
2.1c Communications Support	\$13,761	25%	\$3,440			\$2,910	\$625						\$3,535	103%	100%	-\$95	\$3,440	\$0	\$0	\$0	\$0	\$3,535	103%	\$0	-\$95	\$95	Final CIP hardcopy and cd production effort.
WO 02 Subtotal	\$43,269	8%	\$3,440	\$0	\$0	\$2,910	\$625	\$0	\$0	\$0	\$0	\$0	\$3,535	103%	100%	-\$95	\$3,440	\$0	\$0	\$0	\$0	\$3,535	103%	\$0	-\$95	\$95	
WO 03 - Technical Advisory Committee and Quality Control																											
3.1 Technical Advisory Committee and Quality Control	\$136,833	11%	\$15,708		\$1,776	\$4,697	\$3,801	\$0	\$0	\$0	\$0	\$0	\$10,274	65%	65%	\$5,434	\$15,708	\$5,000	\$0	\$0	\$5,000	\$15,274	97%	\$0	\$434	\$0	Pending TAC charges for May-June model review efforts.
WO 03 Subtotal	\$136,833	11%	\$15,708	\$0	\$1,776	\$4,697	\$3,801	\$0	\$0	\$0	\$0	\$0	\$10,274	65%	65%	\$5,434	\$15,708	\$5,000	\$0	\$0	\$5,000	\$15,274	97%	\$0	\$434	\$0	
WO 04 - Technical Support																											
4.1 Technical Support	\$94,578	15%	\$14,187	\$0	\$3,172	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$3,172	22%	22%	\$11,015	\$14,187	\$10,791	\$26,800	\$0	\$37,591	\$40,763	287%	\$0	-\$26,576	\$26,576	August forecast represents \$6,000 approved item for A. Blumberg and potential \$4,791 item for water column DL review by Battelle and MPI.
WO 04 Subtotal	\$94,578	15%	\$14,187	\$0	\$3,172	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$3,172	22%	22%	\$11,015	\$14,187	\$10,791	\$26,800	\$0	\$37,591	\$40,763	287%	\$0	-\$26,576	\$26,576	
WAD 1 - Project Administration Total		\$889,400	24%	\$215,044	\$34,023	\$33,460	\$97,560	\$39,842	\$0	\$0	\$0	\$0	\$204,884	95%	84%	\$22,703	\$227,587	\$63,816	\$78,000	\$51,200	\$193,016	\$397,900	185%	\$153,600	-\$182,856	\$336,890	
WAD 2 - Technical Studies & Investigations																											
WO 01 - Project Websites																											
1.1 Project Team Website (PREmis)	\$50,563	25%	\$12,641		\$2,982	\$3,195	\$1,120						\$7,297	58%	58%	\$5,344	\$12,641	\$4,200	\$4,200	\$4,200	\$12,600	\$19,897	157%	\$12,600	-\$7,256	\$19,856	
1.2 Public Website (www.ourPassaic.org)	\$28,734	25%	\$7,184		\$295	\$4,002	\$749						\$5,046	70%	70%	\$2,138	\$7,184	\$2,400	\$2,400	\$2,400	\$7,200	\$12,246	170%	\$7,200	-\$5,062	\$12,262	
WO 01 Subtotal		\$79,297	25%	\$19,825	\$0	\$3,277	\$7,196	\$1,869	\$0	\$0	\$0	\$0	\$12,343	62%	62%	\$7,482	\$19,825	\$6,600	\$6,600	\$6,600	\$19,800	\$32,143	162%	\$19,800	-\$12,318	\$32,118	
WO 02 - Work Plan Implementation for 2004 - 2005 Sampling Event																											
2.1 DQO Refinement	\$96,035	48%	\$46,035	\$27,586	\$3,253	\$7,815	\$9,326						\$47,980	104%	100%	-\$1,945	\$46,035	\$0	\$0	\$0	\$0	\$47,980	104%	\$0	-\$1,945	\$1,945	Completion of DQO effort on hold pending authorization. On hold; task plan comments submitted to Battelle.
2.2 Data Usability Evaluation	\$43,380	20%	\$8,676		\$776		\$1,905						\$2,681	31%	31%	\$5,995	\$8,676	\$0	\$0	\$0	\$0	\$2,681	31%	\$0	\$5,995	\$0	
2.3 Human Health Risk Assessment	\$224,648	0%	\$0										\$0	0%		\$0	\$0	\$0	\$0	\$0	\$0	\$0	0%	\$0	\$0	\$0	
2.4 Ecological Risk Assessment	\$408,364	0%	\$0										\$0	0%		\$0	\$0	\$0	\$0	\$0	\$0	\$0	0%	\$0	\$0	\$0	
WO 02 Subtotal	\$772,427	7%	\$54,711	\$27,586	\$4,029	\$7,815	\$11,231	\$0	\$0	\$0	\$0	\$0	\$50,661	93%	89%	\$4,050	\$54,711	\$0	\$0	\$0	\$0	\$50,661	93%	\$0	\$4,050	\$1,945	
WO 03 - Early Action Evaluation (EAE)																											
3.1 Identification of Candidate EAE Target Areas	\$94,559	50%	\$47,280		\$269	\$35,820	\$9,072						\$45,162	96%	96%	\$2,118	\$47,280	\$2,118	\$0	\$0	\$2,118	\$47,280	100%	\$0	\$0	\$0	Authorized budget will be accounted for as part of \$0 net change in planned WVN No. 2 on this contract.
3.2 Identification and Screening of Alternatives	\$51,251	18%	\$9,225		\$873	\$1,905	\$3,333						\$6,112	66%	66%	\$3,113	\$9,225	\$3,113	\$0	\$0	\$3,113	\$9,225	100%	\$0	\$0	\$0	
3.3 Detailed Analysis and Selection of Recommended Alternative	\$194,927	82%	\$160,617	\$21,242	\$35,565	\$30,382	\$50,818						\$138,007	86%	86%	\$22,610	\$160,617	\$22,610	\$0	\$0	\$22,610	\$160,617	100%	\$25,000	\$0	\$25,000	
3.4 Development of EAE Report - Pre-Draft and Draft	\$100,416	73%	\$73,129		\$10,780	\$19,024	\$20,028						\$49,832	68%	68%	\$23,297	\$73,129	\$5,000	\$23,000	\$25,000	\$53,000	\$102,832	141%	\$0	-\$29,703	\$29,703	
3.5 Development of EAE Report - Revised Draft and Final	\$115,480	0%	\$0										\$0	0%		\$0	\$0	\$0	\$0	\$0	\$0	\$0	0%	\$45,000	\$0	\$45,000	
3.6 TAC Consultation	\$17,400	100%	\$17,400		\$3,336								\$3,336	19%	19%	\$14,064	\$17,400	\$5,000	\$2,500	\$2,500	\$10,000	\$13,336	77%	\$2,500	\$4,064	\$0	
3.7 Meetings	\$26,213	217%	\$57,013		\$11,494	\$6,435	\$9,365						\$27,293	48%	48%	\$29,293	\$57,013	\$10,000	\$20,000	\$10,000	\$40,000	\$67,293	118%	\$10,000	-\$10,280	\$20,280	
3.8 Focused Feasibility Study	\$0		\$10,000				\$4,093						\$4,093	41%	41%	\$5,907	\$10,000	\$95,907	\$101,600		\$197,507	\$201,600					
WO 03 Subtotal	\$600,246	61%	\$364,664	\$21,242	\$62,317	\$93,566	\$96,709	\$0	\$0	\$0	\$0	\$0	\$273,834	75%	73%	\$94,923	\$364,664	\$143,748	\$147,100	\$37,500	\$130,841	\$400,582	110%	\$82,500	-\$35,918	\$119,983	
WO 04 - Draft Field Sampling Plan Volume 2																											
4.1a Draft FSP Volume 2 - Biota	\$19,980	100%	\$19,980		\$19,771	\$154							\$19,926	100%	100%	\$54	\$19,980	\$0	\$0	\$0	\$0	\$19,926	100%	\$0	\$54	\$0	
4.1b Final FSP Volume 2	\$26,141	0%	\$0										\$0	0%		\$0	\$0	\$0	\$0	\$0	\$0	\$0	0%	\$0	\$0	\$0	
4.1c QAPP Updates	\$33,707	0%	\$0										\$0	0%		\$0	\$0	\$0	\$0	\$0	\$0	\$0	0%	\$0	\$0	\$0	
WO 04 Subtotal	\$79,828	0%	\$19,980	\$0	\$19,771	\$154	\$0	\$0	\$0	\$0	\$0	\$0	\$19,926	100%	100%	\$54	\$19										



BUDGET STATUS AND FORECAST  
DACW41 TASK ORDER 0011  
LOWER PASSAIC RIVER RESTORATION PROJECT  
Reporting Period 07/01/2006 through 07/28/2006

Task Description	Negotiated Budget	Authorized Budget (as of WVN 12, dated 07/28/2006)		Costs from 07/01/06 through 08/12/05	Costs from 08/13/05 through 09/16/05	Costs from 09/17/05 through 10/14/05	Costs from 10/15/05 through 11/11/05	Costs from 11/12/05 through 12/16/05	Costs from 12/17/05 through 01/13/06	Costs from 01/14/06 through 02/10/06	Costs from 02/11/06 through 03/17/06	Costs from 03/18/06 through 04/28/06	Costs from 04/29/06 through 05/26/06	Costs from 05/27/06 through 06/30/06	Costs from 07/01/06 through 07/28/06	JTD Costs through 07/28/06	JTD Percent of Authorized Budget Spent	JTD Estimated Task Percent Complete	Estimate to Complete <sup>1</sup>	Estimated Cost at Completion	3-Month Forecast					Percent of Authorized Budget Forecast to be Spent by Oct. 2006	4 - 6 Month Forecast (Nov. 2006 to Jan. 2007)	Authorized Funding Less JTD & Forecast Amount	Comments		
		Percent	Dollars																		Aug-06	Sep-06	Oct-06	Total Estimated Cost from Aug. thru Oct. 2006	Total Estimated + Total Spent						
WAD 3 - Remedial Investigation/Feasibility Study Services																															
WO 01 - Project Administration/Reporting				\$46,042	100%	\$46,042	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$46,042	100%	100%	\$0	\$46,042	\$0	\$0	\$0	\$0	\$46,042	100%	\$0	\$0		
WO 02 - Meetings				\$9,106	100%	\$9,106	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$9,106	100%	100%	\$0	\$9,106	\$0	\$0	\$0	\$0	\$9,106	100%	\$0	\$0		
WO 03 - Pre-Expansion Activity Plan and Schedule				\$12,920	100%	\$12,920	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$12,920	100%	100%	\$0	\$12,920	\$0	\$0	\$0	\$0	\$12,920	100%	\$0	\$0		
WO 04 - Populate and QC Database				\$63,530	99%	\$62,990	\$0	\$0	\$0	\$4,910	\$0	\$0	\$0	\$0	\$0	\$0	\$62,990	100%	100%	\$0	\$62,991	\$0	\$0	\$0	\$0	\$62,991	100%	\$0	\$1		
WO 05 - Web Site and GIS System				\$115,732	100%	\$115,732	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$115,730	100%	100%	\$0	\$115,731	\$0	\$0	\$0	\$0	\$115,730	100%	\$0	\$2		
WO 06 - Establish Technical Expert Team				\$25,409	100%	\$25,409	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$25,409	100%	100%	\$0	\$25,409	\$0	\$0	\$0	\$0	\$25,409	100%	\$0	\$0		
WO 06 - Establish Technical Expert Team Subtotal				\$25,409	100%	\$25,409	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$25,409	100%	100%	\$0	\$25,409	\$0	\$0	\$0	\$0	\$25,409	100%	\$0	\$0		
WAD 3 - Remedial Investigation/Feasibility Study Services Total				\$272,739	100%	\$272,199	\$0	\$0	\$0	\$4,910	\$0	\$0	\$0	\$0	\$0	\$0	\$272,198	100%	100%	\$0	\$272,199	\$0	\$0	\$0	\$0	\$272,198	100%	\$0	\$1		
WAD 4 - Project Management and Community Relations																															
WO 01 - Project Management and Administration																															
1.1a Project Management				\$86,428	103%	\$89,114	\$0	\$0								\$89,114	100%	100%	\$0	\$89,114	\$0	\$0	\$0	\$0	\$89,114	100%	\$0	\$0			
1.1a Project Management (2005-06)				\$233,525	127%	\$284,793	\$29,894	\$25,671	\$26,924	\$20,077	\$18,114	\$8,922	\$15,420	\$16,690	\$8,300		\$284,793	100%	100%	\$0	\$284,793	\$0	\$0	\$0	\$0	\$284,793	100%	\$0	\$0	Effort through March 31, 2006.	
1.2a Project Support Documentation and Administration				\$79,111	100%	\$79,111	\$0	\$0								\$79,111	100%	100%	\$0	\$79,111	\$0	\$0	\$0	\$0	\$79,111	100%	\$0	\$0			
1.2a Project Support Documentation and Administration (2005-06)				\$120,841	111%	\$134,119	\$7,424	\$9,948	\$8,863	\$16,594	\$8,834	\$5,024	\$9,333	\$5,011	\$3,795		\$134,119	100%	100%	\$0	\$134,119	\$0	\$0	\$0	\$0	\$134,119	100%	\$0	\$0	Effort through March 31, 2006.	
1.3a Subcontract Administration Laboratories				\$61,231	124%	\$75,632	\$11,008	\$1,375								\$75,632	100%	100%	\$0	\$75,632	\$0	\$0	\$0	\$0	\$75,632	100%	\$0	\$0			
1.3b Subcontract Administration Field Sampling Support				\$41,359	213%	\$88,030	\$9,605	\$12,941	\$19,619	\$7,794	\$9,638	\$1,610	\$0			\$88,030	100%	100%	\$0	\$88,030	\$0	\$0	\$0	\$0	\$88,030	100%	\$0	\$0			
1.3c Professional Subcontractors				\$101,453	113%	\$134,975	\$3,793	\$15,462	\$9,532	\$8,892	\$11,339	\$4,306	\$2,150			\$134,975	100%	100%	\$0	\$134,975	\$0	\$0	\$0	\$0	\$134,975	100%	\$0	\$0	Effort through March 31, 2006.		
1.3d Radiolabel and POC Laboratories				\$5,639	100%	\$5,620	\$0	\$0								\$5,620	100%	100%	\$0	\$5,620	\$0	\$0	\$0	\$0	\$5,620	100%	\$0	\$0			
1.3e Field Sampling Support - Summer/Fall 2004				\$4,806	99%	\$4,741	\$0	\$0								\$4,741	100%	100%	\$0	\$4,741	\$0	\$0	\$0	\$0	\$4,741	100%	\$0	\$0			
1.4a Project Communications				\$481,285	116%	\$557,764	\$23,266	\$39,066	\$35,476	\$88,309	\$39,618	\$18,614	\$13,295	\$1,454	\$14,945		\$557,764	100%	100%	\$0	\$557,764	\$0	\$0	\$0	\$0	\$557,764	100%	\$0	\$0	Effort through March 31, 2006, including prep for April PPT presentation.	
WO 01 - Project Management and Administration Subtotal				\$1,205,680	121%	\$1,453,899	\$85,051	\$106,463	\$100,414	\$141,666	\$87,542	\$38,476	\$29,356	\$29,356	\$0	\$0	\$0	\$1,453,899	100%	100%	\$0	\$1,453,899	\$0	\$0	\$0	\$0	\$1,453,899	100%	\$0	\$0	
WO 02 - Community Relations																															
2.1a Public Meeting Support (graphics/attendance)				\$24,341	36%	\$8,679	\$0	\$6,202	\$2,477	\$11						\$8,690	100%	100%	\$0	\$8,690	\$0	\$0	\$0	\$0	\$8,690	100%	\$0	\$-11			
2.1b Fact Sheets (topic-specific)				\$24,710	3%	\$816	\$0	\$544	\$272							\$816	100%	100%	\$0	\$816	\$0	\$0	\$0	\$0	\$816	100%	\$0	\$0			
2.1c Ongoing Communications Support				\$39,744	28%	\$11,303	\$646	\$1,264	\$4,311	\$1,020	\$3,197					\$11,303	100%	100%	\$0	\$11,303	\$0	\$0	\$0	\$0	\$11,303	100%	\$0	\$0			
2.2a Stakeholder/Community Interviews				\$16,233	100%	\$16,233	\$0	\$0								\$16,233	100%	100%	\$0	\$16,233	\$0	\$0	\$0	\$0	\$16,233	100%	\$0	\$0			
2.2b Draft Community Involvement Plan				\$54,385	101%	\$54,733	\$8,644	\$2,142								\$54,733	100%	100%	\$0	\$54,733	\$0	\$0	\$0	\$0	\$54,733	100%	\$0	\$0			
2.2c R/C/Enrol CIP				\$8,628	100%	\$8,628	\$0	\$0								\$7,960	92%	92%	\$668	\$8,628	\$0	\$0	\$0	\$0	\$7,960	92%	\$0	\$668	Final CIP hardcopies submitted on 6/12/2006.		
WO 02 - Community Relations Subtotal				\$167,041	60%	\$160,392	\$9,289	\$10,152	\$7,060	\$1,031	\$3,197	\$0	\$143	\$0	\$7,416	\$203	\$198	\$0	\$99,735	\$668	\$100,403	\$0	\$0	\$0	\$0	\$99,735	99%	\$0	\$667		
WO 03 - Technical Support																															
3.1a MPI Technical Support				\$43,096	81%	\$35,082	\$0									\$35,082	100%	100%	\$0	\$35,082	\$0	\$0	\$0	\$0	\$35,082	100%	\$0	\$0			
3.1a Technical Support (2005)				\$123,487	25%	\$43,054	\$10,717	\$932		\$8,536		\$4,787	\$10,142			\$60,806	141%	100%	\$0	\$60,806	\$0	\$0	\$0	\$0	\$60,806	141%	\$0	\$-17,752			
3.2a Subcontractor Technical Support				\$22,900	100%	\$22,900	\$0	\$0								\$22,900	100%	100%	\$0	\$22,900	\$0	\$0	\$0	\$0	\$22,900	100%	\$0	\$0	TAC charges prior to 3/31/2006 addressed.		
WO 03 - Technical Support Subtotal				\$189,053	41%	\$100,636	\$10,717	\$932	\$0	\$8,536	\$0	\$4,787	\$10,142	\$0	\$0	\$117,378	117%	100%	\$1,010	\$118,388	\$0	\$0	\$0	\$0	\$117,378	117%	\$0	\$-16,742			
WAD 4 - Project Administration Total				\$1,562,674	106%	\$1,654,927	\$105,057	\$117,546	\$107,474	\$151,233	\$90,740	\$43,264	\$52,245	\$23,156	\$50,989	\$203	\$2,285	\$0	\$1,677,012	101%	100%	\$1,678	\$1,677,090	\$0	\$0	\$0	\$1,677,012	101%	\$0	\$-16,085	
WAD 5 - Technical Studies & Investigations																															
1.5c FSP Volume 2 (Bios): Draft (2005)				\$79,998	100%	\$79,998	\$0	\$0								\$79,998	100%	100%	\$0	\$79,998	\$10,195	\$0	\$0	\$10,195	\$79,998	100%	\$0	\$0	Draft FSP 2 delivered to PRPs on 6/16/2006.		
WO 01 - RIFS Work Plan Preparation Subtotal				\$1,012,729	92%	\$1,012,141	\$72,234	\$11,122	\$3,680	\$834	\$21,999	\$0	\$939	\$16,947	\$40,903	\$5,615	\$6,337	\$0	\$99,827	99%	100%	\$12,703	\$1,012,140	\$12,703	\$0	\$0	\$12,703	\$1,011,430	100%	\$0	\$710
WO 02 - Preliminary Risk Assessment																															
2.2b Conceptual Site Model/Problem Formulation				\$121,953	104%	\$126,820	\$0	\$15,787	\$14,576	\$50,496	\$18,154	\$6,348	\$9,014	\$7,612			\$126,820	100%	100%	\$0	\$126,820	\$0	\$0	\$0	\$0	\$126,820	100%	\$0	\$0		
2.2c Develop Weight of Evidence Approach for Risk Assessment				\$27,417	94%	\$25,727	\$0	\$1,007									\$25,727	100%	100%	\$0	\$25,727	\$0	\$0	\$0	\$0	\$25,727	100%	\$0	\$0	See W912DQ BSF for continued WOE effort.	
WO 02 - Preliminary Risk Assessment Subtotal				\$227,464	100%	\$228,486	\$0	\$15,787	\$14,576	\$51,502	\$18,154	\$6,348	\$9,014	\$7,612	\$23,903	\$0	\$0	\$228,486	100%	99%	\$0	\$228,486	\$0	\$0	\$0	\$0	\$228,486	100%	\$0	\$-1	
WO 03 - Work Plan Implementation for 2004 - 2005 Sampling Event																															
3.1b Health and Safety Activities				\$4,078	99%	\$4,037	\$0	\$177	\$665								\$4,037	100%	100%	\$0	\$4,037	\$0	\$0	\$0	\$0	\$4,037	100%	\$0	\$0		
3.2a Technical Coordination and Field Support				\$40,207	187%	\$75,249	\$19,749	\$7,938	\$5,295								\$75,249	100%	100%	\$0	\$75,249	\$0	\$0	\$0	\$0	\$75,249	100%	\$0	\$0		
3.2b Sample Collection and Sample Management				\$118,198	91%	\$108,142																									

LOWER PASSAIC RIVER RESTORATION PROJECT  
LABORATORY DATA STATUS TABLE  
FALL 2005 and JAN 2006 FIELD PROGRAMS

Program/Analysis	Laboratory	Samples Submitted	Unit Price	JTD Cost	Archived in Freezer	Being Processed by Laboratory	Un-validated Data Partially Received	All Un-validated Data Received	Paper copy & e-copy of Un-Validated Data	Paper copy and e-copy of Validated Data	Validated Data Partially Received	All Validated Data Received in PREMIS	Notes
High Resolution Coring (select cores)													
Total Organic Carbon (TOC)	STL	554	\$65	\$36,010							X		Validation underway w/emphasis on 6 selected cores.
Grain Size (laser method)	STL				X								
Radiological - Cs-137	Outreach	551	\$75	\$41,325							X		Validation complete on all original core segment samples. Data has been received on the approximately 70 additional samples submitted to fill-in and confirm data on cores selected. New data was plotted/evaluated and is being held for validation awaiting prioritization of remaining task budget.
Radiological - Pb-210 & Po-210	Outreach	549	\$50	\$27,450							X		The data generated by Outreach via the initial Pb-210 method (Bismuth) were unusable. As a corrective action, Outreach re-analyzed 255 samples from the six selected high resolution cores via a more costly Po-210 method (\$120 per sample). Outreach has offered to discount their invoicing by billing the original sum of \$27,450 instead of a unit price Po-210 total, which would have amounted to 255 x \$120 = \$30,600.
PCB	Axys	80	\$950	\$76,000		X							Axys has completed analyses of all but the last batch of 32 low resolution pesticide samples submitted on July 18, 2006. Completion of data validation will depend on prioritization of remaining budget.
Dioxin	Axys	80	\$700	\$56,000		X							
Pesticide (Low Resolution)	Axys	112	\$325	\$36,400		X							
Pesticide Reinjection (High Resolution)	Axys	14	\$200	\$2,800					X				Need to prioritize data validation based on remaining budget.
PCB (to be submitted)	Axys	32	\$950	\$30,400	X	18-Jul						NA	Samples not submitted due to budget. PCB extracts can be held for up to 1 year frozen, or until approximately June 2007.
Dioxin (to be submitted)	Axys	32	\$700	\$22,400	X	18-Jul						NA	Samples not submitted due to budget. Dioxin extracts can be held for up to 1 year frozen, or until approximately June 2007.
PAH	Axys	171	\$325	\$55,575				X				31-Aug	PAH data validation was halted to address prioritization of remaining validation budget. If authorized, EQA has projected validation will be completed prior to August 31st.
Metals	CLP Sentinel	241	NA	NA								X	Received last of the re-analyses CLP validated data this week. IT resolving the MEDD and upload issues.
X-radiography	To be determined				X								
Total Hi Res Job-to-date (JTD) Cost				\$301,310									
Total Hi Res Costs Pending				\$52,800									32 PCBs/Dioxin samples.
Low Resolution Coring													
PCB Aroclor	CLP A4	62	NA	NA		X				X			Data received and provided to EAE team, but is only partially in PRermis due to EDD format problems. IT appears to have resolved issues and is correcting EDDs. Some of the inorganic data has been uploaded; but a conversion effort is required for the CLP data files. There are QA issues reported with the Validated PCB Aroclor data. USEPA CLP has offered to reanalyze the PCB arochlror data; however, the extracts have exceeded their holding times and our current recommendation is not to conduct re-analyses.
SVOC and PAH	CLP A4	62	NA	NA						X			
Metals (plus cyanide and mercury)	CLP Sentinel	62	NA	NA						X			
VOC	CLP A4	60	NA	NA						X			
Herbicide	STL - VT	62	\$145	\$8,990						X			
Immunoassay - 20 samples for correlation	STL - TN	21		\$6,405		X					X	15-Aug	Data based upon calibration stds. has been received from STL. The data is to be evaluated and a correlation developed versus Axys PCB and Dioxin data on the same sample set. The correlated data and validated results will then be uploaded.
Archived Immunoassay	STL - TN				X								
Radiological - Cs-137	Outreach	59	\$75	\$4,425								X	
Dioxin/Furan	Axys	62	\$700	\$43,400								X	
Pesticide	Axys	62	\$325	\$20,150								X	
PCB Congener	Axys	62	\$950	\$58,900								X	
TOC	STL - VT	60	\$65	\$3,900								X	
TPH	STL - VT	62	\$145	\$8,990								X	
Geotechnical - Moisture	STL - VT	61	\$10	\$610				X				NA	No validation planned.
Geotechnical - Grain Size	STL - VT	61	\$100	\$6,100				X				NA	No validation planned.
Geotechnical - Specific Gravity	STL - VT	61	\$35	\$2,135				X				NA	No validation planned.
Geotechnical - pH	STL - VT	61	\$10	\$610								X	
Total Low Res JTD Cost				\$158,210									
Total Low Res Costs Pending				\$6,405									



LOWER PASSAIC RIVER RESTORATION PROJECT  
LABORATORY DATA STATUS TABLE  
FALL 2005 and JAN 2006 FIELD PROGRAMS

Program/Analysis	Laboratory	Samples Submitted	Unit Price	JTD Cost	Archived in Freezer	Being Processed by Laboratory	Un-validated Data Partially Received	All Un-validated Data Received	Paper copy & e-copy of Un-Validated Data	Paper copy and e-copy of Validated Data	Validated Data Partially Received	All Validated Data Received in PREMIS	Notes
Water Column Large Volume <sup>(a,b)</sup>													
Pesticides (Aqueous)	Axys	5	\$300	\$1,500									Propose to prepare a preliminary draft data evaluation memo, prior to or in lieu of data validation, to discuss "lessons learned" from implementation of various large volume water column sampling techniques for consideration in future water column sampling events.
Pesticides (Filters)	Axys	5	\$300	\$1,500									
PCB Congeners (XAD Cartridges)	Axys	5	\$900	\$4,500									
PCB Congeners (Filters)	Axys	5	\$900	\$4,500									
Dioxin/Furans (XAD Cartridges)	Axys	5	\$650	\$3,250									
Dioxin/Furans (Filters)	Axys	5	\$650	\$3,250									
20L Bottle Processing Fee & Filters	Axys	2	\$550	\$1,100							NA		Sample processing costs -- no associated data.
Total Large Vol JTD Cost				\$19,600									
Water Column Small Volume <sup>(a,b)</sup>													
Mercury Total	Brooks Rand	30	\$219	\$6,570								18-Aug	EDDs previously found to be in error were remedied by Brooks Rand. Minor modification to PREmis
Mercury Filter	Brooks Rand	30		See above								18-Aug	will be completed during the week of August 7th to accommodate different CAS numbers for total and
Methyl mercury Total	Brooks Rand	30	\$404	\$12,120								18-Aug	dissolved phase mercury results and allow upload from STL.
Methyl mercury Filter	Brooks Rand	30		See above								18-Aug	
Particulate Organic Carbon (POC)	STL - VT	26	\$80	\$2,080								18-Aug	
Dissolved Organic Carbon (DOC)	STL - VT	26	\$50	\$1,300								18-Aug	
Metals Total	CLP Sentinel	31	NA	NA								18-Aug	Metals re-analyses data received. MEDD format issues being resolved by IT, who will upload
Metals Filter	CLP Sentinel	31	NA	NA								18-Aug	validated data.
Cyanide	CLP Sentinel	14	NA	NA								18-Aug	
Total Suspended Solids (TSS)	STL - VT	89	\$20	\$1,780								18-Aug	
Biological Oxygen Demand (BOD)	STL - VT	13	\$25	\$325								18-Aug	
COD/TKN/Total P	STL - VT	14	\$100	\$1,400								18-Aug	
Chlorophyll A	Westfield	14	\$50	\$700								18-Aug	
Ammonia	STL - VT	13	\$20	\$260								18-Aug	
VOC	CLP A4	23	NA	NA								18-Aug	
SVOC	CLP A4	18	NA	NA								18-Aug	Data needs review. MEDD format issues being resolved by IT, who will upload validated data
Chlorinated Herbicides	STL - VT	18	\$145	\$2,610								18-Aug	
Ortho-Phosphate	STL - VT	14	\$50	\$700								18-Aug	
Total JTD Small Volume				\$29,845									
Water Column High Flow Event													
Volatile Suspended Solids	DESA	135	NA	NA									Problems with EDD received from DESA lab were resolved and the data was successfully uploaded to
Total Suspended Solids (TSS)	DESA	135	NA	NA									PREmis on 6/21/06.
Total Organic Carbon (TOC)	DESA	29	NA	NA									
Dissolved Organic Carbon (DOC)	DESA	29	NA	NA									
SPMD - Deployment 1													
Dioxin/Furan	Axys	13	\$600	\$7,800								30-Jul	The concentrations of the analytes in extracts has been reported by Axys. This data needs to be
PCB Congener	Axys	13	\$850	\$11,050								30-Jul	evaluated and the analyte concentrations in the water column calculated based upon deployment times
Pesticides	Axys	13	\$270	\$3,510								30-Jul	and the theoretical adsorption rates of analytes into the SPMDs. If the data is found to be
PAH	Axys	13	\$270	\$3,510								30-Jul	acceptable/usable it can be validated and approved.
Total JTD SPMD No. 1				\$25,870									
SPMD - Deployment 2													
Dioxin/Furan	Axys	16	\$600	\$9,600								30-Jul	The concentrations of the analytes in extracts has been reported by Axys. This data needs to be
PCB Congener	Axys	16	\$850	\$13,600								30-Jul	evaluated and the analyte concentrations in the water column calculated based upon deployment times
Pesticides	Axys	16	\$270	\$4,320								30-Jul	and the theoretical adsorption rates of analytes into the SPMDs. If the data is found to be
PAH	Axys	16	\$270	\$4,320								30-Jul	acceptable/usable it can be validated and approved.
Total JTD SPMD No. 2				\$31,840									
Extraction Costs for SPMD Nos. 1 and 2				\$25,000									Estimated vendor purchase and extraction cost for SPMDs.
Moorings													
Hydrodynamics Data													All data confirmed on PREmis and delivered to HQL.
TOTAL ESTIMATED PROGRAM COST (JTD+Pending Costs)				\$650,880									

a- Sample count include QA/QC

b- PREMIS sample ID issues on small volume and large volume water column programs to be resolved.

c - Projected dates assumes that sufficient budget will be identified to complete data validation/evaluation tasks.